THE GLYPH TAPE BACKUP QUICKSTART MANUAL

GLYPH

QUICKSTART

Unpacking, Inspection & General Info

Your Glyph drive and accessories are packaged in a sturdy shipping container. Please inspect the container for evidence of shipping damage and mishandling. If such evidence is found, file a report with the carrier immediately and do not attempt to unpack and operate the Glyph drive until the carrier confirms the damage. All Glyph products are factory sealed and you should not accept a box which has been previously opened.

This QuickStart manual will take you throught the basic Now, proceed with unpacking the Glyph tape drive and verify that all of the following items are present:

1. The Glyph Tape Backup drive itself
   Tabletop -or- Rack Mounted
2. One (1) Piece of blank tape
3. One (1) SCSI Interface Cable
4. One (1) Terminator
5. One (1) Power Cable
6. Rack Screws (rack mounted drives only)
7. Warranty Card

If any of the items are missing, contact the party from whom the drive was purchased to arrange for replacement.

• It is a good idea to keep the shipping container and packing materials in case you need to store or ship you Glyph Tape drive at some future date.

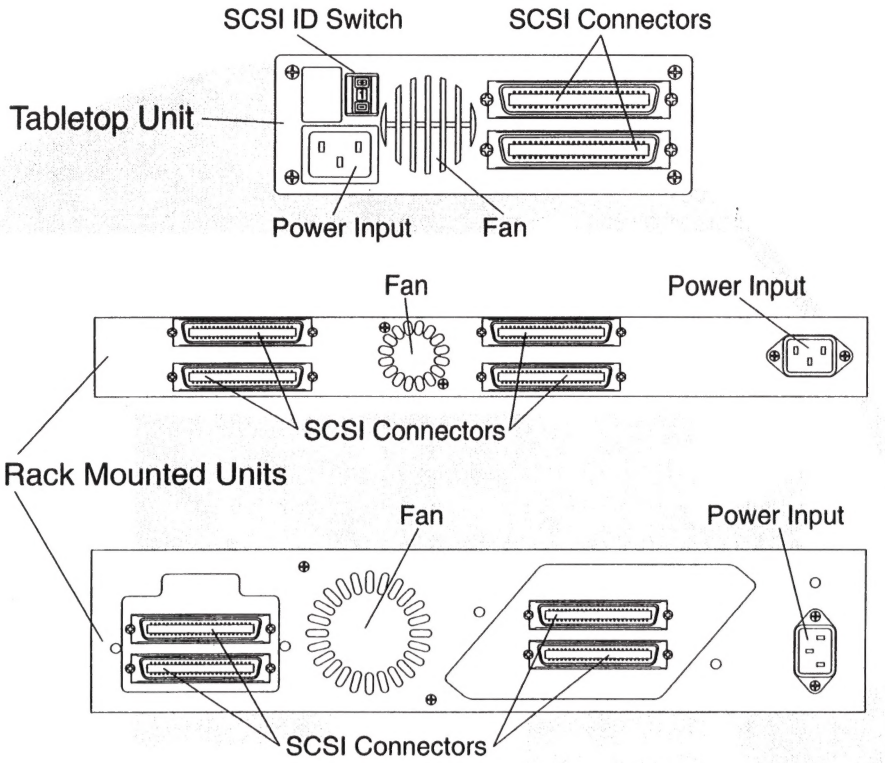
Parts Identification

To familiarize yourself with the drive, take a moment to study the diagrams on the following pages. You will be connecting cables and setting switches on the drive shortly, so it will be helpful to know the layout of the mechanical connections.

Configuring your drive for Install

The Glyph drive will interface to computers and music equipment utilizing the SCSI cable which is supplied with your drive. After proper installation, the drive should be immediately usable with your system.

Tech. Support - (607) 275-0154 Technical Support is open Monday - Friday from



SCSI is an acronym for Small Computer Systems Interface. It is an interface specification that facilitates high speed data transfer between devices. It allows the connection of up to seven peripheral devices to one sampler, keyboard or computer system (host) by daisy chaining the devices. SCSI is a standard mode of interface in the computer and music industries.

Connecting your Tape Backup Drive

To connect your Glyph drive to a computer, locate the following items from your Glyph package:

- The Glyph drive itself

Rack Mount Drive -or- Tabletop Drive

- Power cable
- SCSI cable
- Terminator

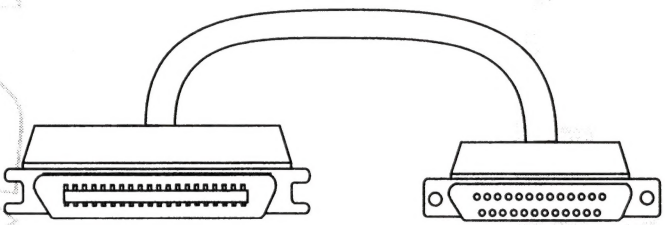
Install Glyph Hardware

Step 1 - Position the Drive

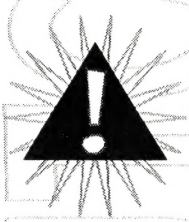
If you are using a Glyph rack mount drive, either mount the drive in your rack using the four supplied screws or find a level, flat, solid surface to place the unit. If you are using the Glyph tabletop drive, find a level, flat, solid surface on which to place the unit.

Step 2 - Connect Power Cable (Power Off)

Make sure that the power is off on all of your computer equipment and the Glyph dive. Connect the power cable to the back of the Glyph drive. Plug the three prong power plug into an appropriate power receptacle, preferably with surge and spike protection.



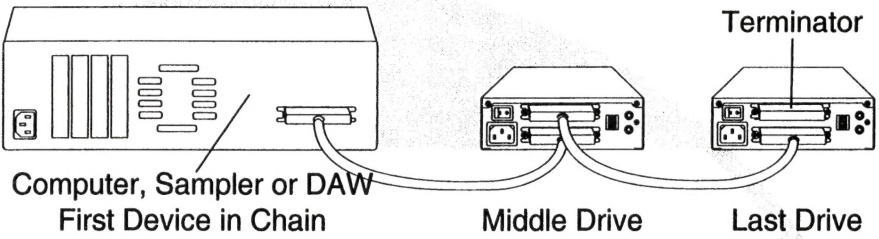
25 to 50 Pin SCSI Cable



Make sure you're using a double shielded, twisted pair cable!

Step 3 - Connect SCSI Cable

Glyph supplies a 25 to 50 pin SCSI cable with all tape drives. Glyph uses a 50 pin Centronics SCSI connector on all of our tape drives. If you already have one or more tabletop SCSI devices connected to your computer, and you need to daisy chain from a 50 pin connector you will need to obtain a double shielded 50 to 50 pin SCSI cable from your dealer, or direct from Glyph. If your SCSI device uses a SCSI connector other than 25 or 50 pin, call Glyph Technical Support.



Connect the 25 pin connector side of the Glyph SCSI cable to the Computer's SCSI port. Then connect the remaining 50 pin Centronics end to the back of the Glyph tape drive in either the top or bottom 50 pin connector. These two connectors are functionally identical and the open connector can be used for adding more SCSI devices or for termination. (More on termination in this guide)

Step 4 - SCSI Termination

The SCSI bus wants to know where the first and last devices connected are. This is accomplished by adding terminating resistors to the peripheral devices. Terminating resistors can be implemented in many different ways. Glyph has supplied a small rectangular 50 pin terminator that plugs into the remaining 50 pin SCSI connector on the back of the Glyph tape drive (or whichever drive is last in the SCSI chain).

When to Use Termination

Your computer or music equipment may have a SCSI peripheral (hard disk drive, CD-ROM drive) device(s) inside it's casing. Refer to your computer's model number and user's manual to identify if there is a SCSI peripheral device integrated. If you do have a SCSI peripheral device either inside or externally connected to the SCSI bus on your computer, then you must identify its SCSI ID number and determine if it is terminated. When deciding if you need to use the terminator for the Glyph tape drive, use the following as a guide:

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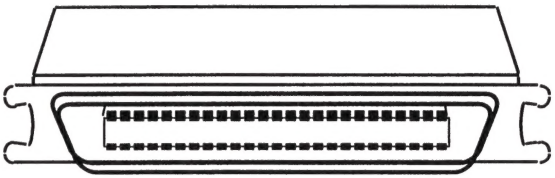
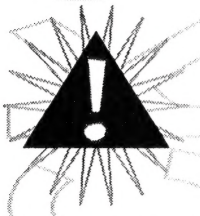


Situation	Terminator
The Glyph tape drive is the only SCSI device connected.	ON
The Glyph tape drive is the second of two SCSI devices connected in a chain.	ON
The Glyph tape drive is the last SCSI device in a chain of three or more devices.	ON*
The Glyph tape drive is NOT the first or last device in a chain of three or more devices.	OFF

* In this case, make sure that none of the "middle" devices are terminated. Only the first and last devices should be terminated.



Be sure that each external SCSI device has it's own, unique ID number!

Step 5 - SCSI ID Selection Switch

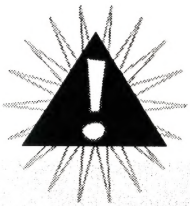
The SCSI ID Selection Switch sets the Glyph tape drive's SCSI identification number. Each device connected to your SCSI bus must have a unique SCSI identification number. The eight possible identification numbers are 0 through 7. You will choose from SCSI ID numbers 1-6 (The Operating System is usually ID#7. Internal hard drives are usually set to SCSI ID#0. Internal CD-ROM drives are usually SCSI ID# 3). When you select a number for your Glyph tape drive, be sure that no other SCSI device has the same SCSI ID number, this includes any internal or tabletop devices already attached to your system. When we refer to first or last devices, we refer to the *physical location* of the device in a daisy chain rather than the SCSI ID number of the device.

Setting the ID Switch

SCSI ID Switch

Based on the previous discussion, you are now ready to set the SCSI ID Selector Switch on the Glyph drive. Glyph's rack mounted drives have a SCSI ID switch installed on the left side of the front panel. If your Glyph rack mount unit includes more than one drive mechanism, the SCSI ID switches are still on the left side of the front panel. The left switch is for the left side drive, the right switch for the right side drive. These two drives must have unique ID numbers. Glyph tabletop tape drives have a SCSI ID switch located on the back of the case.

If you found that your computer did have one or more SCSI devices connected, make sure that you select a unique number for your tape drive that is not currently in use. Push the top or bottom button on the SCSI ID selector switch with a pen to increment or decrement the SCSI ID number. Once it is set correctly, you will not have to change it again unless you add more devices to the SCSI bus. You must turn off the power on the tape drive when switching SCSI ID numbers and then turn it back on in order for the drive to recognize the SCSI ID change.



Always turn on your SCSI devices before your computer!

Step 6 - Power Up the Glyph Tape Drive

Check that you have:

- A good location for the drive.
- The drive is off and the power cord is plugged into the drive.
- The SCSI cable is connected to the computer's SCSI interface and tape drive.
- Termination is used if necessary.
- The SCSI ID# is set correctly.

Power up your Glyph tape drive. Glyph rack mount drives have power switches on the left side of the front panel. Glyph tabletops have a power switch on the front right side of the drive. Make sure that the power light is on. Always turn on your SCSI drives first and let them warm up before switching on your computer or A/V gear.

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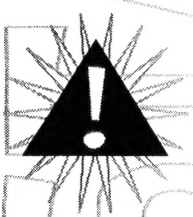
Step 7 - Powering Up

Now that the drive is on, power up the rest of your system and you should be ready to use your Glyph tape drive with cool confidence ... because you *know* the drive is set up properly ... because you followed *each* step ...
... *very* carefully. Now you are ready to start following the directions in the maual for the software you've chosen to use with your Glyph tape drive. So good luck ... go backup some of your stuff now, and if you're having problems with your Glyph tape drive, give the Glyph Technical Support line a call.



Be sure that your socks are on before putting on your shoes!

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